

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-19. (Cancelled)

20. (New) A medical stent comprising:

a first section comprising a first material, defining a lumen, and comprising a first coil completing more than one revolution, wherein the first coil revolves about and is coaxial with an axis and wherein a distance from a first point to the axis, the first point at the center of a first cross-section of the first coil and on a line normal to the axis, is less than a distance from a second point to the axis, the second point at the center of a second cross-section of the first coil and on a line normal to the axis, the first point being closer to an origin of the first coil than the second point;

a second section comprising a second material, defining a lumen, and comprising a second coil completing at least one revolution; and

a third section defining a lumen and located between the first and second sections and adjacent the origin of the first coil, at least a portion of the third section comprising a co-extrusion of the first and second materials.

21. (New) The stent of claim 20 wherein the third section generally extends along, and is coaxial with, the axis.

22. (New) The stent of claim 21 wherein the second coil is offset from the axis.

23. (New) The stent of claim 20 wherein the third section comprises a shaft.

24. (New) The stent of claim 20 wherein the second coil is generally perpendicular to the first coil.

25. (New) The stent of claim 20 wherein the first material comprises ethylene vinyl acetate.
26. (New) The stent of claim 20 wherein the first material has a durometer value of about 70 to about 90 on a Shore A scale.
27. (New) The stent of claim 20 wherein the second material has a durometer value of about 80 to about 95 on a Shore A scale.
28. (New) The stent of claim 20 wherein a cross-section of the lumen in at least one of the first, second, and third sections is circular.
29. (New) The stent of claim 20 wherein a cross-section of at least one of the first, second, and third sections is circular.
30. (New) The stent of claim 20 wherein at least one of the first, second, and third section comprises a radiopaque material.
31. (New) The stent of claim 20 wherein the second coil has an outer diameter of at least about 2.0 cm.
32. (New) The stent of claim 20 wherein the first coil is sized such that at least a portion of the first coil resides at the junction of a bladder and a ureter in a patient.
33. (New) The stent of claim 20 wherein the first coil comprises a spiral.
34. (New) The stent of claim 20 further comprising a suture attached to the first section.
35. (New) The stent of claim 20 wherein at least a portion of at least one of the first, second, and third sections defines at least one aperture in communication with the lumen.

36. (New) A medical stent comprising:

a first section comprising a first material, defining a lumen, and comprising a substantially planar first coil completing more than one revolution;

a second section comprising a second material, defining a lumen, and comprising a second coil completing at least one revolution, wherein the second coil is generally perpendicular to the first coil; and

a third section defining a lumen and located between the first and second sections, at least a portion of the third section comprising a co-extrusion of the first and second materials.

37. (New) The stent of claim 36 wherein the first coil is sized such that at least a portion of the first coil resides at the junction of a bladder and a ureter in a patient.

38. (New) A method for placing a medical stent comprising:

inserting a medical stent into a ureter, the medical stent comprising:

a first section comprising a first material, defining a lumen, and comprising a first coil completing more than one revolution, wherein the first coil revolves about and is coaxial with an axis and wherein a distance from a first point to the axis, the first point at the center of a first cross-section of the first coil and on a line normal to the axis, is less than a distance from a second point to the axis, the second point at the center of a second cross-section of the first coil and on a line normal to the axis, the first point being closer to an origin of the first coil than the second point;

a second section comprising a second material, defining a lumen, and comprising a second coil completing at least one revolution; and

a third section defining a lumen and located between the first and second sections and adjacent the origin of the first coil, at least a portion of the third section comprising a co-extrusion of the first and second materials.

39. (New) The method of claim 38 wherein at least a portion of the first coil resides at the junction of a bladder and a ureter in a patient.

40. (New) The method of claim 39 wherein at least a portion of the first coil at least partially occludes the junction.
41. (New) A method for placing a medical stent comprising:
inserting a medical stent into a ureter, the medical stent comprising:
a first section comprising a first material, defining a lumen, and comprising a substantially planar first coil completing more than one revolution;
a second section comprising a second material, defining a lumen, and comprising a second coil completing at least one revolution, wherein the second coil is generally perpendicular to the first coil; and
a third section defining a lumen and located between the first and second sections, at least a portion of the third section comprising a co-extrusion of the first and second materials.
42. (New) A medical stent comprising:
a first section defining a lumen and comprising a substantially planar, spiral first coil completing more than one revolution, wherein the first coil revolves in an ever increasing distance about an axis of the stent from an origin of the coil to an end of the coil;
a second section defining a lumen and comprising a second coil completing at least one revolution, wherein the second coil is generally perpendicular to the first coil.
43. (New) The stent of claim 42 wherein the first coil is sized such that at least a portion of the first coil resides at the junction of a bladder and a ureter in a patient.